

# Assignment -4

## Form Creation

The screenshot shows a web browser window with the following details:

- Header:** Welcome admin
- Logout:** A link labeled "Logout" is visible.
- Address Bar:** The URL is "localhost:8080/ApplicationMCA/Login.jsp".
- Form Content:**
  - Login Form Title:** "Login Form"
  - Username:** The input field contains the value "admin".
  - Password:** The input field contains the value "\*\*\*\*\*".
  - Login Button:** A button labeled "Login" is present.
- Save Password Dialog:** A modal dialog titled "Save your password?" is displayed. It contains the following text:

Your password will autofill the next time and will be saved to your device

Username: admin

Password: \*\*\*\*\*

Buttons: Save, Not now, and a dropdown menu.

# Assignment -4

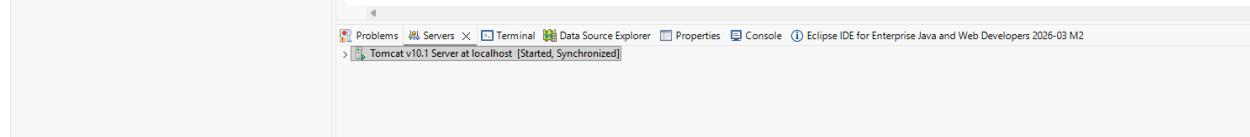
## Form Creation

The screenshot shows the Eclipse IDE interface with the Project Explorer view open. The project structure includes Assignment, Assignment2, and a src folder containing main, webapp, META-INF, and WEB-INF. Under main, there are java and com subfolders, each containing Calculator.java and Studentinfo.java. The Studentinfo.java file is selected in the editor, displaying Java code for a HttpServlet. The code defines a doPost method that prints form data to the response.

```
1 package com.MCA;
2
3 import jakarta.servlet.ServletException;
4 import jakarta.servlet.annotation.WebServlet;
5 import jakarta.servlet.http.HttpServlet;
6 import jakarta.servlet.http.HttpServletRequest;
7 import jakarta.servlet.http.HttpServletResponse;
8 import java.io.IOException;
9 import java.io.PrintWriter;
10
11 @WebServlet("/Studentinfo")
12 public class Studentinfo extends HttpServlet {
13
14
15     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
16         // TODO Auto-generated method stub
17         String name=request.getParameter("name");
18         String mobile=request.getParameter("mobile");
19         String email=request.getParameter("email");
20
21         response.setContentType("text/html");
22         PrintWriter out=response.getWriter();
23         out.println("<h2>Form Data</h2>");
24         out.println("Name:"+name);
25         out.println("Mobile:"+mobile);
26         out.println("Email:"+email);
27         out.close();
28     }
29
30 }
31
32
33
34
35
36 }
```

The screenshot shows the Eclipse IDE interface with the Project Explorer view open. The project structure is identical to the first screenshot. The StudentForm.html file is selected in the editor, displaying an HTML form with three text input fields for Name, Mobile, and Email, and a submit button.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Please enter details</title>
6 </head>
7 <body>
8 <form method="post" action="Studentinfo">
9 <br>
10
11 Name:<input type="text" name="name"><br>
12 mobile:<input type="text" name="mobile"><br>
13 Email:<input type="text" name="email"><br>
14
15 <input type="submit" value="send">
16
17 </form>
18
19 </body>
20 </html>
```



# Assignment -4

## Form Creation

eclipse-workspace - ApplicationMCA/src/main/java/com/apps/LogoutServlet.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer X

- ApplicationMCA
  - Deployment Descriptor: ApplicationMCA
  - JAX-WS Web Services
  - Java Resources
  - build
  - src
    - main
      - java
        - com
          - apps
            - LoginServlet.java
            - LogoutServlet.java

Calculator.html Calculator.java Studentinfo.java StudentForm.html Login.jsp LoginServlet.java Dashboard.jsp LogoutServlet.java

```
1 package com.apps;
2
3 import jakarta.servlet.ServletException;
4 import jakarta.servlet.annotation.WebServlet;
5 import jakarta.servlet.http.HttpServlet;
6 import jakarta.servlet.http.HttpServletRequest;
7 import jakarta.servlet.http.HttpServletResponse;
8 import jakarta.servlet.http.HttpSession;
9
10 import java.io.IOException;
11
12 @WebServlet("/LogoutServlet")
13 public class LogoutServlet extends HttpServlet {
14
15     protected void doGet(HttpServletRequest request, HttpServletResponse response)
16         throws ServletException, IOException {
17
18     HttpSession session = request.getSession(false);
19
20     if(session != null){
21         session.invalidate();
22     }
23
24     response.sendRedirect("Login.jsp");
25
26 }
27
```

Assignment

  - Deployment Descriptor: Assignment
  - JAX-WS Web Services
  - Java Resources
  - build
  - src

Assignment2

  - Deployment Descriptor: Assignment2
  - JAX-WS Web Services
  - Java Resources
  - build
  - src
    - main
      - java
        - com
          - MCA
            - Calculator.java
            - Studentinfo.java

webapp

    - META-INF
    - MANIFEST.MF
    - WEB-INF
      - lib
      - Calculator.html
      - StudentForm.html

Servers

Problems Servers Terminal Data Source Explorer Properties Console Eclipse IDE for Enterprise Java and Web Developers 2026-03 M2

Tomcat v10.1 Server at localhost [Started, Synchronized]

eclipse-workspace - ApplicationMCA/src/main/java/com/apps/LoginServlet.java - Eclipse IDE

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Project Explorer X

- ApplicationMCA
  - Deployment Descriptor: ApplicationMCA
  - JAX-WS Web Services
  - Java Resources
  - build
  - src
    - main
      - java
        - com
          - apps
            - LoginServlet.java
            - LogoutServlet.java

Calculator.html Calculator.java Studentinfo.java StudentForm.html Login.jsp LoginServlet.java Dashboard.jsp LogoutServlet.java

```
1 package com.apps;
2
3 import jakarta.servlet.RequestDispatcher;
4 import jakarta.servlet.ServletException;
5 import jakarta.servlet.annotation.WebServlet;
6 import jakarta.servlet.http.HttpServlet;
7 import jakarta.servlet.http.HttpServletRequest;
8 import jakarta.servlet.http.HttpServletResponse;
9 import jakarta.servlet.http.HttpSession;
10
11 import java.io.IOException;
12
13 @WebServlet("/LoginServlet")
14 public class LoginServlet extends HttpServlet {
15
16     protected void doPost(HttpServletRequest request, HttpServletResponse response)
17         throws ServletException, IOException {
18
19     String name = request.getParameter("user");
20     String pass = request.getParameter("password");
21
22     if (name.equals("admin") && pass.equals("admin123")) {
23
24         HttpSession session = request.getSession();
25         session.setAttribute("user", name);
26
27         response.sendRedirect("Dashboard.jsp");
28
29    } else {
30
31        request.setAttribute("error", "Username and Password are incorrect");
32        RequestDispatcher rd = request.getRequestDispatcher("Login.jsp");
33        rd.forward(request, response);
34
35    }
36
37 }
```

Assignment

  - Deployment Descriptor: Assignment
  - JAX-WS Web Services
  - Java Resources
  - build
  - src

Assignment2

  - Deployment Descriptor: Assignment2
  - JAX-WS Web Services
  - Java Resources
  - build
  - src
    - main
      - java
        - com
          - MCA
            - Calculator.java
            - Studentinfo.java

webapp

    - META-INF

# Assignment -4

## Form Creation

eclipse-workspace - ApplicationMCA/src/main/webapp/Login.jsp - Eclipse IDE

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2     pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <head>
5 <meta charset="UTF-8">
6 <title>Login Page</title>
7 </head>
8 <body>
9
10 <h2>Login Form</h2>
11 <form action="LoginServlet" method="post">
12     <label>Username:</label><br>
13     <input type="text" name="user"><br><br>
14     <label>Password:</label><br>
15     <input type="password" name="password"><br><br>
16     <input type="submit" value="Login">
17
18 </form>
19 <br>
20 <!-- Error Message -->
21 <%>
22     String error = (String) request.getAttribute("error");
23     if(error != null){
24         <p style="color:red;"><%= error %></p>
25     }
26
27 <%>
28 </body>
29 </html>
```

Project Explorer X      Calculato.html      Calculator.java      Studentinfo.java      StudentForm.html      Login.jsp      LoginServlet.java

File Edit Source Refactor Navigate Search Project Run Window Help

ApplicationMCA Deployment Descriptor ApplicationMCA JAX-WS Web Services Java Resources build src main com apps LoginServlet.java LogoutServlet.java webapp META-INF MANIFEST.MF WEB-INF lib Dashboard.jsp Login.jsp Assignment Deployment Descriptor Assignment JAX-WS Web Services Java Resources build src Assignment2 Deployment Descriptor Assignment2 JAX-WS Web Services Java Resources build src main com MCA Calculator.java Studentinfo.java webapp META-INF MANIFEST.MF WEB-INF lib Calculator.html

eclipse-workspace - ApplicationMCA/src/main/webapp/Dashboard.jsp - Eclipse IDE

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2     pageEncoding="UTF-8"%>
3 <%>
4     String user = (String) session.getAttribute("user");
5
6     if(user == null){
7         response.sendRedirect("Login.jsp");
8         return; // stop further execution
9     }
10
11 <%>
12 <html>
13 <head>
14     <meta charset="UTF-8">
15     <title>Dashboard</title>
16 </head>
17 <body>
18     <h2>Welcome <%= user %></h2>
19
20     <br>
21     <a href="LogoutServlet">Logout</a>
22
23 </body>
24 </html>
```

Project Explorer X      Calculator.html      Calculator.java      Studentinfo.java      StudentForm.html      Login.jsp      LoginServlet.java      Dashboard.jsp      LogoutServlet.java

File Edit Source Refactor Navigate Search Project Run Window Help

ApplicationMCA Deployment Descriptor ApplicationMCA JAX-WS Web Services Java Resources build src main com apps LoginServlet.java LogoutServlet.java webapp META-INF MANIFEST.MF WEB-INF lib Dashboard.jsp Login.jsp Assignment Deployment Descriptor Assignment JAX-WS Web Services Java Resources build src Assignment2 Deployment Descriptor Assignment2 JAX-WS Web Services Java Resources build src main com MCA Calculator.java Studentinfo.java webapp META-INF MANIFEST.MF WEB-INF lib Calculator.html StudentForm.html